

**REMOTE CONTROL SYSTEM USING A CELLULAR TELEPHONE
AND ASSOCIATED METHODS**

Abstract of the Disclosure

A vehicle remote control system is operated directly via a cellular telephone without using intervening cellular communications infrastructure.

- 5 The cellular telephone includes an input device and a transmitter for transmitting signals relating to a command code entered from the input device and a unique identification code for the cellular telephone. The vehicle remote control system includes a receiver
- 10 positioned at the vehicle for receiving signals directly from the cellular telephone without using intervening cellular communications infrastructure. A controller is also positioned at the vehicle and is switchable between a learning mode and an operating
- 15 mode. When the controller is in the learning mode, the controller learns the unique identification code of a cellular telephone so that the cellular telephone is an authorized cellular telephone. When the controller is in the operating mode, the controller controls at least
- 20 one vehicle function responsive to signals received from the authorized cellular telephone.